

Title (en)  
USE OF BENZO FIVE-MEMBERED NITROGEN HETEROCYCLIC PIPERAZINE OR PIPERIDINE DERIVATIVES

Title (de)  
VERWENDUNG VON BENZO-FÜNFGLIEDRIGEN HETEROCYCLISCHEN PIPERAZIN- ODER PIPERIDINDERIVATEN AUS STICKSTOFF

Title (fr)  
UTILISATION D'HÉTÉROCYCLES AZOTÉS PENTAGONAUX DE TYPE PIPÉRAZINE OU PIPÉRIDINE

Publication  
**EP 2924033 A1 20150930 (EN)**

Application  
**EP 13857563 A 20131125**

Priority

- CN 201210487128 A 20121126
- CN 201210486967 A 20121126
- CN 201210486619 A 20121126
- CN 2013001442 W 20131125

Abstract (en)  
This invention relates to the use of a compound in formula (I) and its salts acceptable pharmaceutically in preparation of vasodilative drugs: Wherein, R 1 , R 2 , X, Y, A and B are defined in the invention.

IPC 8 full level  
**A61K 31/454** (2006.01); **A61K 31/4545** (2006.01); **A61K 31/496** (2006.01); **A61K 31/498** (2006.01); **A61P 9/04** (2006.01); **A61P 9/08** (2006.01); **A61P 9/10** (2006.01); **A61P 9/12** (2006.01); **C07D 235/06** (2006.01); **C07D 235/08** (2006.01); **C07D 249/18** (2006.01); **C07D 401/06** (2006.01); **C07D 401/12** (2006.01); **C07D 401/14** (2006.01); **C07D 403/12** (2006.01); **C07D 405/12** (2006.01); **C07D 405/14** (2006.01); **C07D 413/12** (2006.01); **C07D 413/14** (2006.01); **C07D 417/12** (2006.01); **C07D 417/14** (2006.01)

CPC (source: EP US)  
**A61K 31/454** (2013.01 - EP US); **A61K 31/4545** (2013.01 - EP US); **A61K 31/496** (2013.01 - EP US); **A61K 31/498** (2013.01 - EP US); **A61K 31/506** (2013.01 - EP US); **A61K 45/06** (2013.01 - US); **A61P 3/14** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/04** (2017.12 - EP); **A61P 9/08** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 9/12** (2017.12 - EP); **A61P 9/14** (2017.12 - EP); **A61P 13/12** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 209/08** (2013.01 - EP US); **C07D 231/56** (2013.01 - EP US); **C07D 235/08** (2013.01 - EP US); **C07D 235/10** (2013.01 - EP US); **C07D 235/14** (2013.01 - EP US); **C07D 235/22** (2013.01 - EP US); **C07D 249/18** (2013.01 - EP US); **C07D 401/06** (2013.01 - EP US); **C07D 401/12** (2013.01 - EP US); **C07D 401/14** (2013.01 - EP US); **C07D 403/12** (2013.01 - EP US); **C07D 405/12** (2013.01 - EP US); **C07D 405/14** (2013.01 - EP US); **C07D 413/12** (2013.01 - EP US); **C07D 413/14** (2013.01 - EP US); **C07D 417/12** (2013.01 - EP US); **C07D 417/14** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2924033 A1 20150930**; **EP 2924033 A4 20160629**; **EP 2924033 B1 20190227**; JP 2016500085 A 20160107; JP 6350535 B2 20180704; US 2015297586 A1 20151022; US 9415047 B2 20160816; WO 2014079155 A1 20140530

DOCDB simple family (application)  
**EP 13857563 A 20131125**; CN 2013001442 W 20131125; JP 2015543245 A 20131125; US 201314647408 A 20131125